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Page 1 of 1
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S-E-R-V-I-C-E B-U-L-L-E-T-I-N

BEECH AIRCRAFT CORPORATION
WICHITA 1, KANSAS

SUBJECT: REDESIGNATION OF CONTINENTAL E-165-4 AND E-165-4A ENGINES

AIRCRAFT AFFECTED: Model 35 airplanes bearing Serial Numbers D-1 to D-491 inclusive. Model E-165-4 and Model E-165-4A engines with Serial Numbers 2953 and lower.

REASON FOR CHANGE: The Civil Aeronautics Administration has requested that the E-165-4 and E-165-4A models be redesignated E-185-1 due to the 185 horsepower rating allowed for take-off.

ACCOMPLISHMENT: The model redesignation requires that the original engine identification plate be replaced by a new plate stamped with the new designation. Remove the original plate by shearing off the drive screw heads or prying the plate close to each screw until it is removed. If the screws are left in place, grind the heads flush with the crankcase surface. Install the new plate with screws placed 1/8-inch ahead of, or to the rear of the old screw holes. Drill one corner screw hole 1/16-inch diameter to 3/16-inch depth. CAUTION: Do not drill through case, as a through hole allows oil leakage. Drive the corner screw through the plate hole and drill the remaining holes the same depth using plate holes as guides. Drive in the remaining five screws.

Permanently delete, through the use of a sharp instrument, the engine model designation E-165-4 or D-165-4A stamped on the airplanes identification plate located on the fuel unit cover in the pilot's compartment.

PARTS REQUIRED: 1 plate, engine identification - C.M.C., Part No. 520055
6 drive screws - C.M.C., Part No. 24764

New plates and screws will be furnished without charge to owners upon return of the original plates to the Service Department, Aircraft Division, Continental Motors Corporation, Muskegon 82, Michigan. No warranty allowance will be made by Beech Aircraft Corporation for labor involved in this modification.